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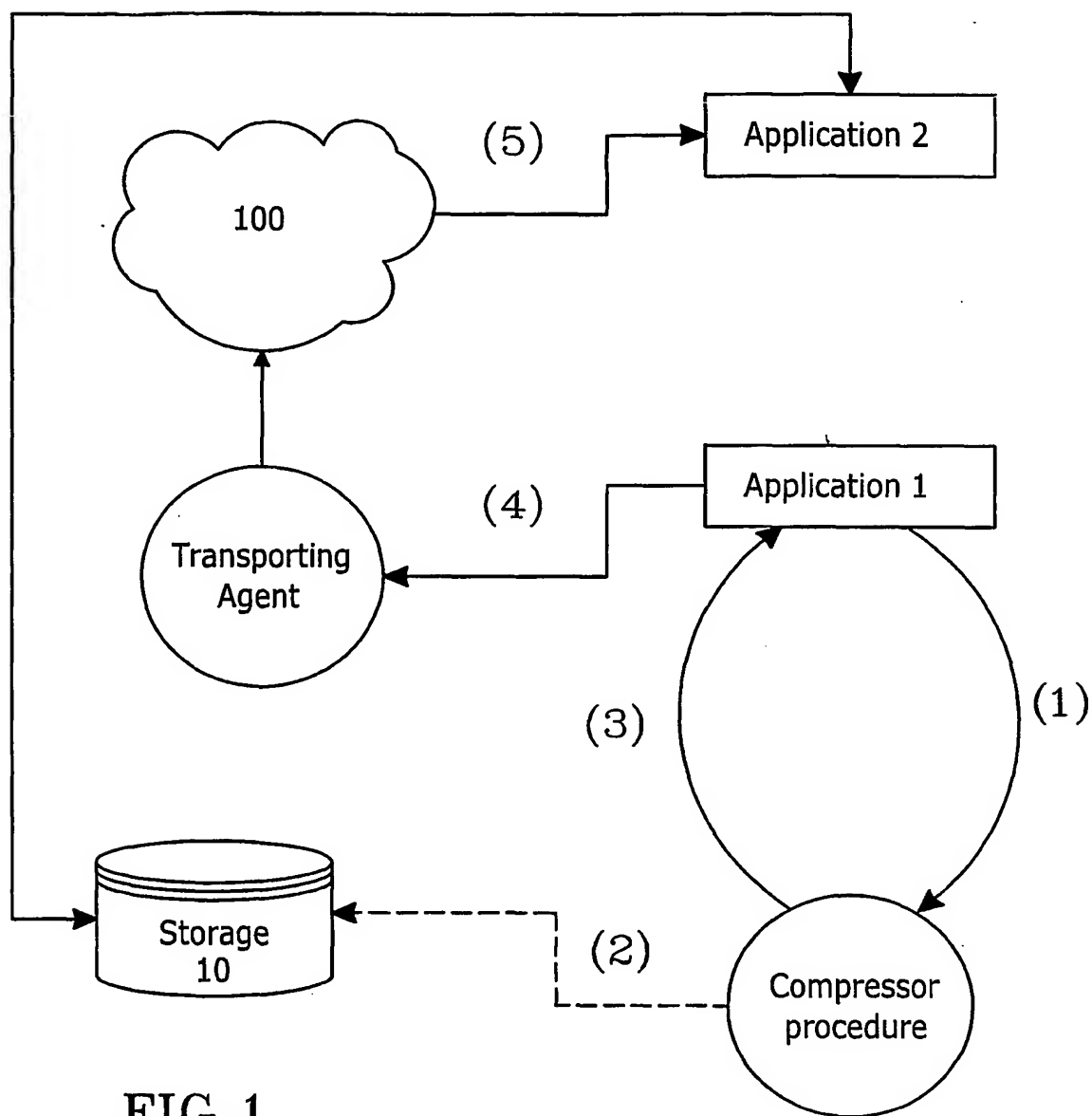


FIG. 1

FIG. 2

<p>(i) <u>MARKUP DOCUMENT</u></p> <pre> <start> <vehicle ok="yes"> <head>&label;</head> <doors>locked</doors> <speed>95</speed> <vehicle> </start> </pre>	<p>(iii) <u>COMPRESSING KEY</u></p> <pre> <XMLKey> <Info> <keyID>123456789</keyID> </Info> <item> <code>a</code> <name>start, vehicle, ok</name> <type>attribute</type> <format> string </format> </item> <item> <code>b</code> <name>start, vehicle, doors</name> <type>element</type> <format>string</format> </item> <item> <code>c</code> <name>start, vehicle, speed</name> <type>element</type> <format>integer</format> </item> <item> <code>d</code> <name>start, vehicle, head</name> <type>reference</type> <format>string</format> </item> </pre>
<p>(ii) <u>DTD</u></p> <pre> <ENTITY label "Motor Vehicle"> <ELEMENT start (vehicle)> <ELEMENT vehicle (head, doors, speed)> <!ATTLIST vehicle ok (yes no) #IMPLIED> <ELEMENT doors (#PCDATA)> <ELEMENT speed (#PCDATA)> </pre>	<p>(iv) <u>COMPRESSED RESULT</u></p> <p>"a<yes>b<locked>c<95>d<Motor Vehicle>"</p>

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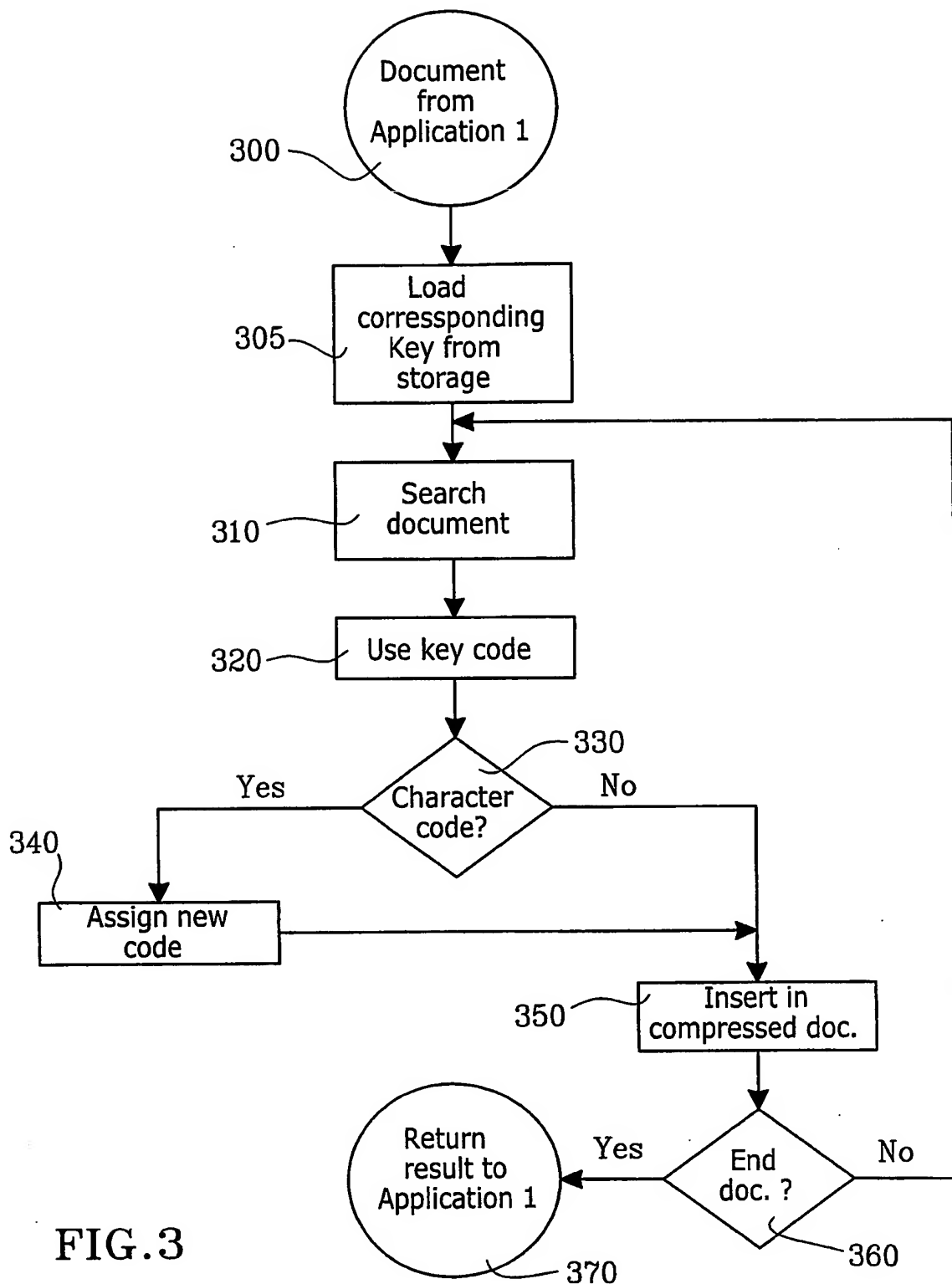


FIG. 3

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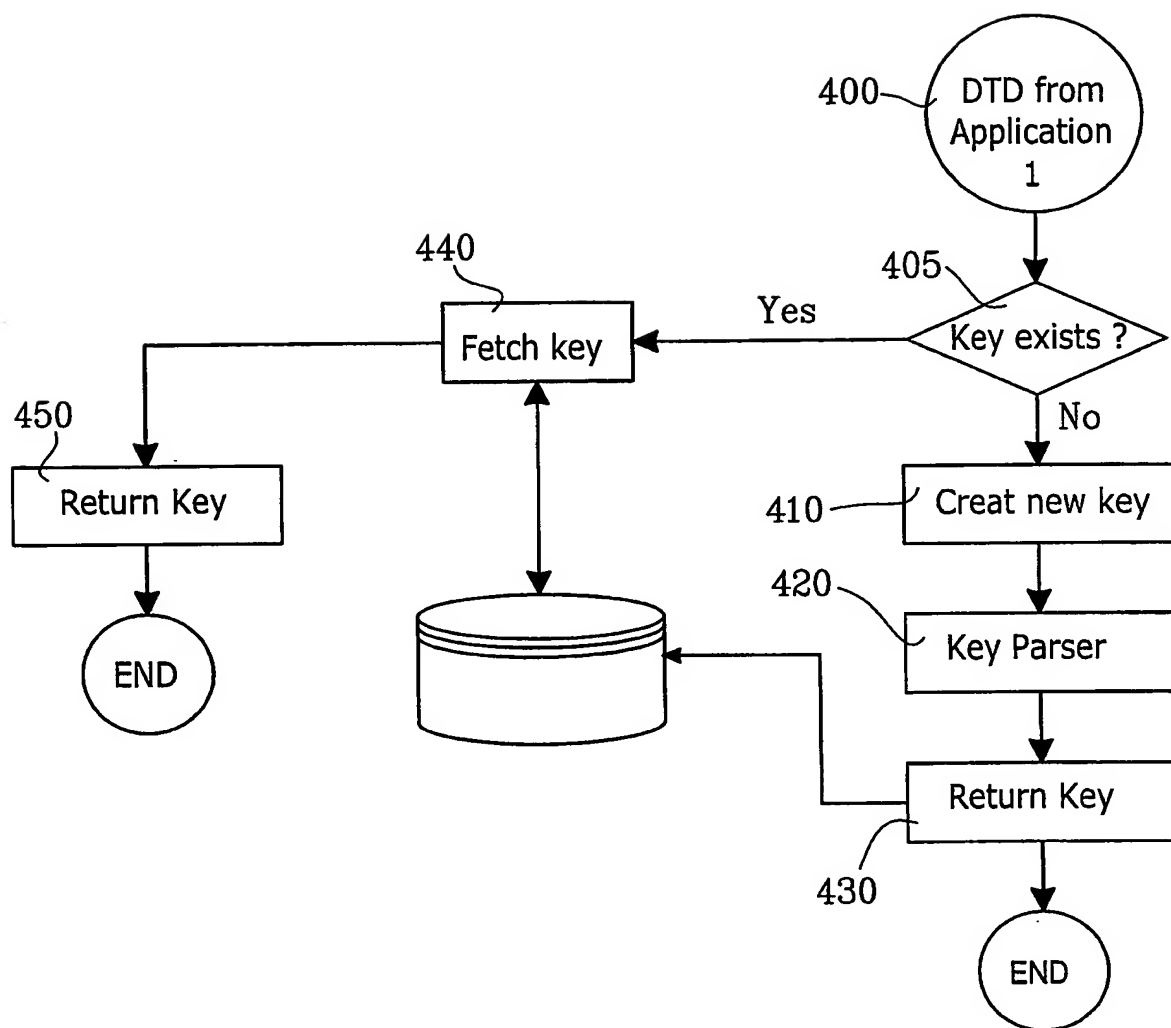
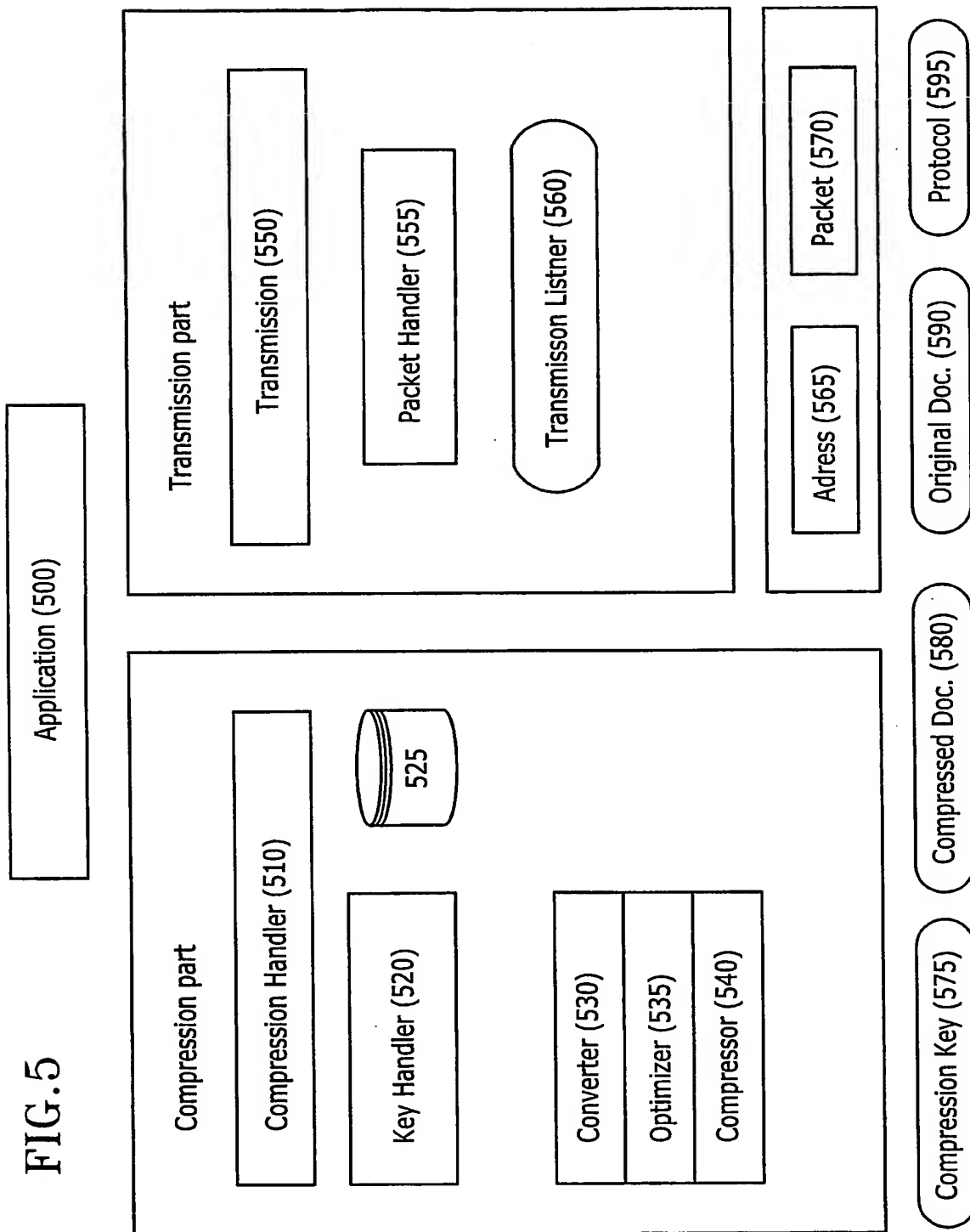


FIG.4



(a)				
Vers	Type	Local Appl. ID	Remote Appl. ID	Key ID

(b)				
Vers	Type	Local Appl. ID	Remote Appl. ID	Key ID
			info	Key

(c)				
Vers	Type	Local Appl. ID	Remote Appl. ID	Key ID
			info	Data

FIG.6

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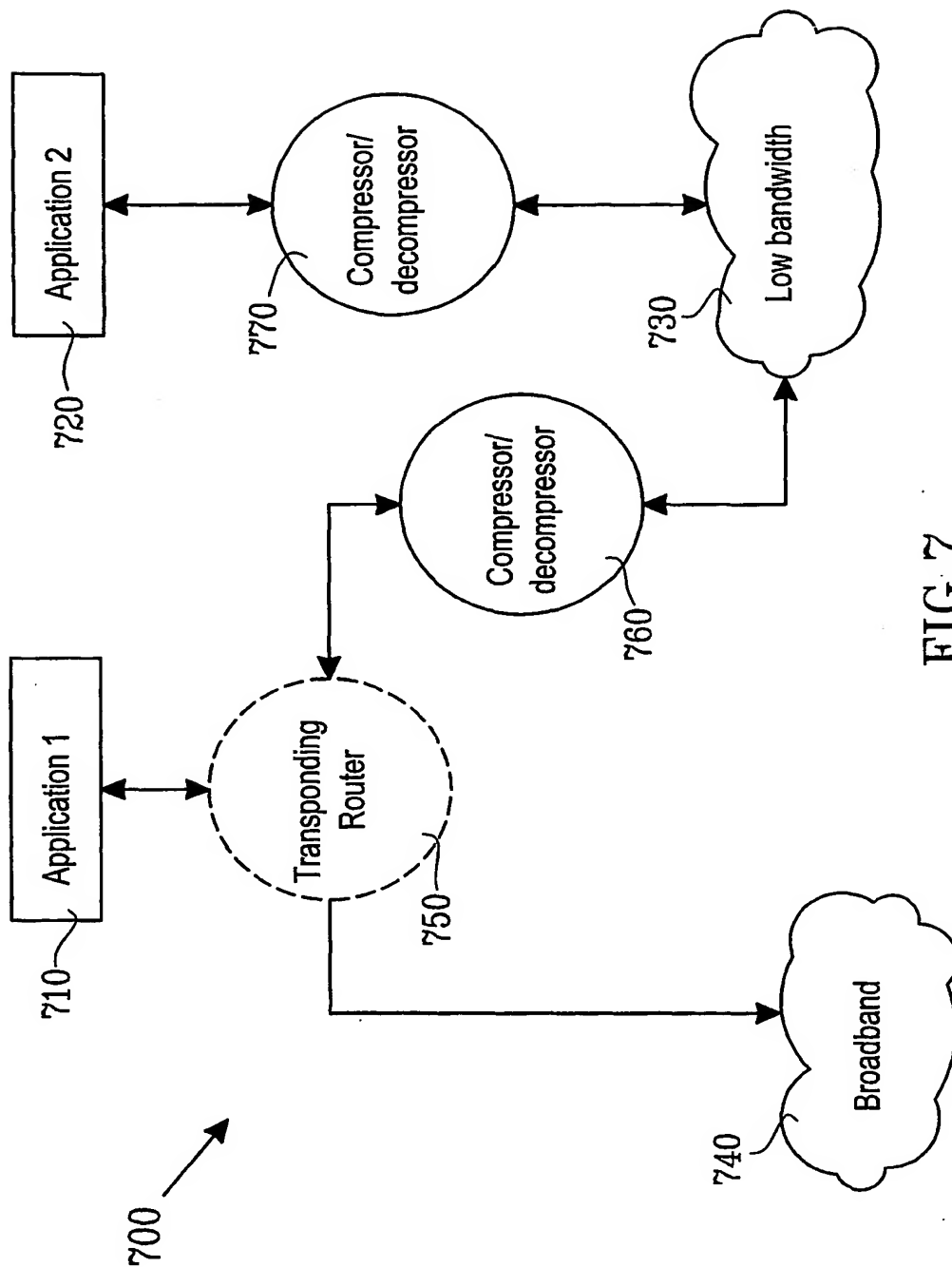


FIG. 7